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NSA CRANE
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FIELD TASK MODIFICATION REQUEST FORM REGARDING THE SAMPLING AND ANALYSIS PLAN AND SAMPLING AND ANALYSIS PLAN ADDENDUM AT (SWMU 21) NSA CRANE IN

06/08/2012

TETRA TECH INC

Tetra Tech, Inc.
FIELD TASK MODIFICATION REQUEST FORM

Project/Installation Name NSA Crane, SWMU 21– Defense Reutilization Marketing Office (DRMO) Storage Lot	**CTO & Project Number** CTO F274; 112G02122	**Task Modification Number** 002
Modification to: SWMU 21 Sampling and Analysis Plan (SAP), August 2010; and, SWMU 21 SAP Addendum, March 2011	**Site Location** NSA Crane	**Date of Request** June 8, 2012

Background. Tetra Tech performed RCRA Facility Investigation (RFI) sampling in September 2010 and April 2011 at SWMU 21 - Defense Reutilization Marketing Office (DRMO) Storage Lot. This sampling included collection of surface and subsurface soil samples and sediment samples that were analyzed for polychlorinated biphenyls (PCBs). Based on the analytical data, seven areas on SWMU 21 were identified with surface soil PCB concentrations greater than 1 milligram per kilogram (mg/kg). No sediment samples exceeded 1 mg/kg.

The horizontal limits of some areas with greater than 1 mg/kg contamination were not defined. Therefore in March 2012, additional surface soil samples were collected and analyzed for PCBs in accordance with an FTMR. The data collected during the March 2012 and the previous sampling and analysis are shown on attached Figures 5-0, 5-1, 5-2, 5-3, 5-4, and 5-5.

As shown on those figures, there are still two areas on the site where the horizontal limits of PCB concentrations greater than 1 mg/kg are not defined. Also, subsurface soil samples were not collected below all surface soil samples with total PCB concentrations greater than 1 mg/kg. Therefore, additional sampling and analysis is required to determine the vertical limits of PCB concentrations above 1 mg/kg in all seven areas with PCB concentrations above 1mg/kg.

The horizontal and vertical limits of PCB concentrations greater than 1 mg/kg are necessary to estimate soil volumes and remediation costs. In addition, the previous and proposed PCB analysis includes individual aroclors; this data will be used to assess risk and evaluate removal action and remediation alternatives.

The attached Figures show the results of previous PCB sampling and analysis, data gaps, and the proposed supplemental sampling locations. The figures are the same scale so that maps can be aligned on the match lines. Figures 5-1 to 5-5 show all surface soil sampling locations with PCB concentrations greater than 1 mg/kg as solid red, sampling locations with PCB concentrations less than 1 mg/kg as solid black, and samples not analyzed for PCB as open circles. Table 1 presents the proposed supplemental sampling and analysis.

Purpose of FTMR. The purpose of this FTMR form is to describe supplemental sampling to more accurately define the horizontal and vertical extent of PCB surface and subsurface soil concentrations that exceed 1 mg/kg. This supplemental sampling will be performed as described in this FTMR form and the previously approved SAP documents.

Proposed Supplemental Sampling. A gravel layer of varying depth covers many areas of SWMU 21. The gravel layer provides a working surface to perform site operations. The gravel layer is expected to be 0 to 3 feet deep in the areas proposed for sampling. At SWMU 21, in areas where there is no gravel layer, the surface soil is defined as the layer of soil found between 0 and 2 feet below ground surface (bgs). If there is a gravel layer on the surface, the surface soil is defined as the first two feet of soil immediately below the gravel layer. Because of the varying depth of the gravel layer, surface soil samples collected during the previous activities have ranged in depth from 0 to 2 feet bgs to 4 to 6 feet bgs. All subsurface samples will be collected to the proposed depth or terminate at bedrock.

The vertical extent of contamination in the seven areas where surface soil has PCB concentrations greater than 1 mg/kg will be defined by collecting additional subsurface soil samples. Subsurface soil samples (and field duplicates) will be collected from 30 soil borings where existing surface soil samples have PCB concentrations greater than 1 mg/kg. Two 2-foot interval subsurface soil samples will be collected beginning at the interval immediately below the previously collected surface soil sample interval. The upper 2-foot interval subsurface soil interval will be analyzed for PCBs and the lower 2-foot subsurface soil interval will be held for later analysis, if needed. Sixty subsurface soil samples and 6 field duplicates will be collected and analyzed for vertical confirmation from the 30 soil boring locations shown as solid red locations on Figures 5-1, 5-2, 5-3, 5-4, and 5-5.

To define the horizontal and vertical extent of PCB contamination at the two areas where previously collected soil samples showed PCB concentrations exceeding 1 mg/kg and did not define horizontal limits, surface and subsurface soil samples will be collected from soil borings in 15-foot step-out increments. A total of 114 surface and subsurface soil samples will be collected from 57 soil borings. Thirteen (13) surface soil samples and 2 field duplicates will be immediately analyzed for PCBs. The remaining surface, subsurface, and field duplicate samples will be held for later analysis if needed. The proposed locations of the supplemental surface and subsurface soil samples are shown on Figures 5-1, 5-2, and 5-3 identified by a brown "x".

All PCB soil samples collected to be analyzed later will be stored in the dark and kept refrigerated. Under these conditions there are no holding times for PCB.

- **Figure 5-1 (Northern North End – Subsurface Samples within Bounded Area).** Subsurface soil samples will be collected from the 6 soil borings shown within the bounded area (21SB27, 21SB88, 21SB116, 21SB118, 21SB119, and 21SB120). The six subsurface soil samples collected from the 2-foot interval immediately below the previously analyzed surface soil sample will be analyzed for PCBs. The remaining six subsurface soil samples will be held for later analysis if needed.

- **Figure 5-2 (Southern North End – Subsurface Samples within Unbounded Area).** Subsurface soil samples will be collected from the 8 soil borings shown within the unbounded area (21SB46, 21SB93, 21SB94, 21SB122, 21SB123, 21SB126, 21SB128, and 21SB159). The eight subsurface soil samples collected from the 2-foot interval immediately below the previously analyzed surface soil sample will be analyzed for PCBs. The remaining eight subsurface soil samples will be held for later analysis if needed.

- **Figure 5-3 (Oil/Water Separator – Subsurface Samples within Bounded and Unbounded Areas).**
  Subsurface soil samples will be collected from six soil borings that are within the unbounded area north of the O/W Separator (21SB36, 21SB89, 21SB90, 21SB133, 21SB135, and 21SB140); two soil borings (21SB55 and 21SB74) within the small bounded area southeast of the O/W Separator; and six soil borings (21SB108, 21SB109, 21SB145, 21SB146, 21SB148, and 21SB149) within the bounded area further southeast. These 14 subsurface soil samples will be collected from the 2-foot interval immediately below the previously analyzed surface soil sample will be analyzed for PCBs. The remaining 14 subsurface soil samples will be held for later analysis if needed.

- **Figure 5-4 (Open Grass Area – Subsurface Samples within Bounded Area).**
  Two subsurface soil samples will be collected from the 1 soil boring (21SB48) shown within the bounded area. The subsurface soil sample collected from the 2-foot interval immediately below the previously analyzed surface soil sample will be analyzed for PCBs. The remaining subsurface soil sample will be held for later analysis if needed.

- **Figure 5-5 (Metal Baler Area – Subsurface Samples within Bounded Area).**
  Two subsurface soil samples will be collected from 1 soil boring (21SB106) shown within the bounded area. The subsurface soil sample collected from the 2-foot interval immediately below the previously analyzed surface soil sample will be analyzed for PCBs. The remaining subsurface soil sample will be held for later analysis if needed.

  The surface soil sample collected and analyzed from 21SB52 (21SB520305) showed a PCB concentration of 2.08 mg/kg, however, the subsurface soil sample (21SB520608) collected below the surface soil sample showed less than detectable PCB concentrations

- **Figure 5-1 (Northern North End) and Figure 5-2 (Southern North End) – Surface and Subsurface Samples within an Unbounded Area.**
  A large unbounded area is located north and west of 21SB159 (PCB concentration 1.44 mg/kg), north and east of 21SB122 (PCB concentration 1.86 mg/kg), and east of 21SB123 (PCB concentration 2.69 mg/kg) as shown on Figure 5-2. The nearest sample to the north with a PCB concentration less than 1 mg/kg is 21SB26 which is approximately 100 feet north of 21SB159 (see Figure 5-1).

  As Shown on Figures 5-1 and 5-2, forty-one (41) soil borings will be placed and one 2-foot surface soil sample and one 2-foot subsurface soil sample will be collected from each soil boring. The borings will be placed in the area immediately north and west of 21SB159, north and east of 21SB122, and east of 21SB123. The three offset surface soil samples to 21SB159 (21SB191, 21SB192, and 21SB198), the three offset surface soil samples to 21SB122 (21SB193, 21SB194, and 21SB199), and the one offset surface soil sample east of 21SB123 (21SB200) will be analyzed for PCBs. The remaining surface and subsurface soil samples will be held for PCB analysis pending the results of the initial samples.

- **Figure 5-2 (Southern North End) and Figure 5-3 (Oil/Water Separator) – Surface and Subsurface Samples within an Unbounded Area.**
  A smaller unbounded area is located north of the Oil/Water Separator (OWS) as shown on Figures 5-2 and 5-3. Two samples approximately 40 feet and 50 feet north of the OWS show PCB concentrations of 6.3 mg/kg (21SB135) and 1.84 mg/kg (21SB133). The nearest surface soil sample with a PCB concentration less than 1 mg/kg is 21SB19; approximately 45 feet north of 21SB133 shown on Figure 5-2.

  Sixteen soil borings will be placed in the areas surrounding 21SB133 and 21SB135 and one 2-foot surface soil sample and one 2-foot subsurface soil sample will be collected from each soil boring. Six of the surface soil samples collected from the soil borings that offset locations 21SB133 and 21SB135 (21SB207, 21SB208, 21SB209, 21SB212, 21SB213, and 21SB215) will be immediately analyzed for PCBs. The remaining surface and subsurface soil samples will be held for PCB analysis pending the results of the initial samples.

Attachments to this FTMR include:

Figures

Figure 5-0 Sampling Index Map
Figure 5-1 Total PCB Concentrations in Surface Soil – Northern North End
Figure 5-2 Total PCB Concentrations in Surface Soil – Southern North End
Figure 5-3 Total PCB Concentrations in Surface Soil – Oil Water Separator Area
Figure 5-4 Total PCB Concentrations in Surface Soil – Open Grass Area
Figure 5-5 Proposed PCB Sampling – Former Metals Baler Area

Table

Table 1 Proposed Supplemental Sampling at SWMU 21

Person Requesting Change/Modification:

[signature] 6/14/12
George L. Ten Eyck, FOL / Date

Approvals:

[signature] 6/14/12
Anthony P. Klimek, Tetra Tech Project Manager / Date

Modifications to the HASP required based on this change? ☒ Yes ☒ No ☐ NA

Thomas M Dickrose for Matt Soltis — 06/18/2012
Health Safety Manager (Signature) — **Date**

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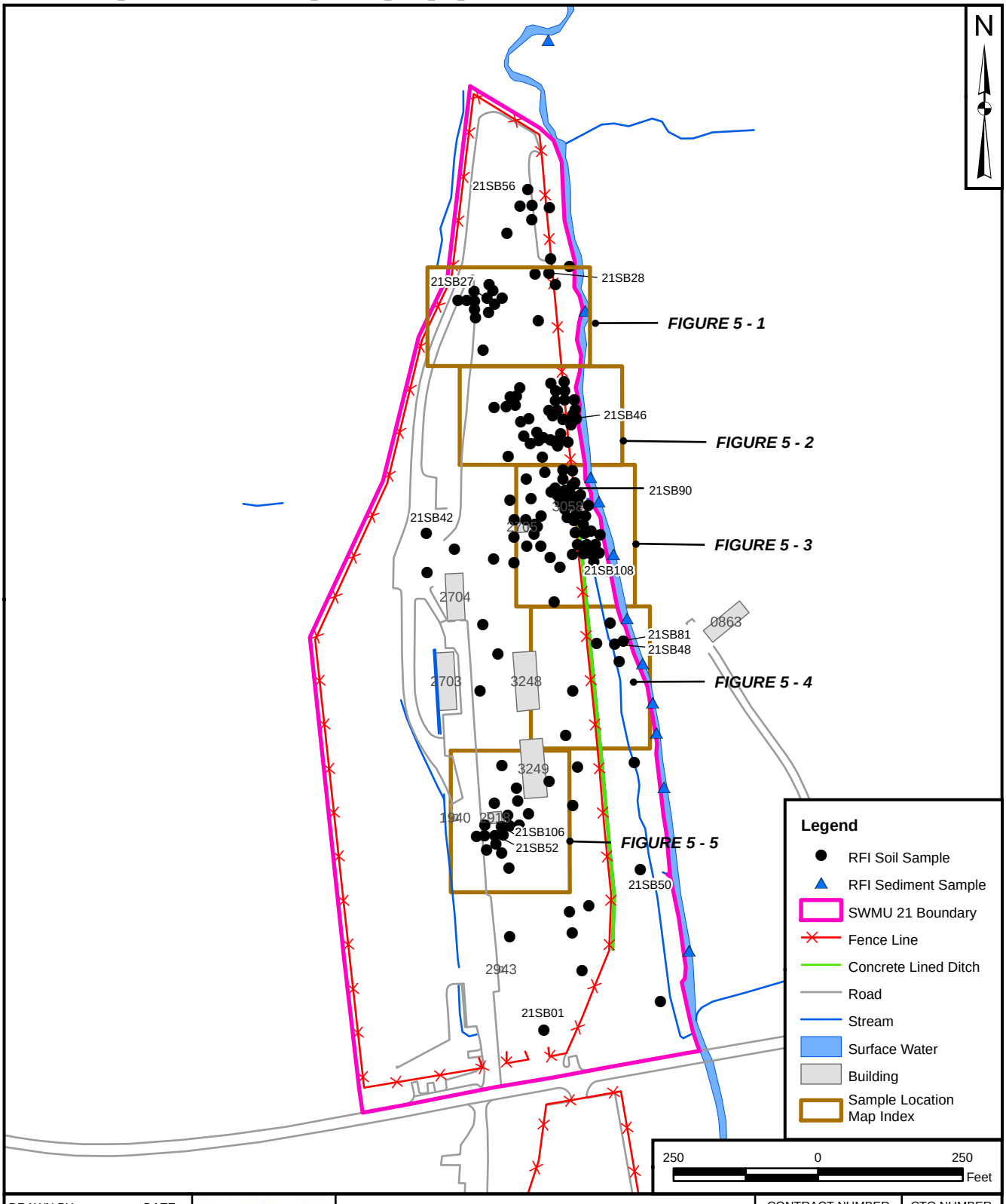

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CHECKED BY: L. FOSTER	DATE: 05/11/12		APPROVED BY: ___ / DATE: ___
REVISED BY: ___	DATE: ___		APPROVED BY: ___ / DATE: ___
SCALE: AS NOTED			FIGURE NO.: FIGURE 5 - 0 / REV: 0

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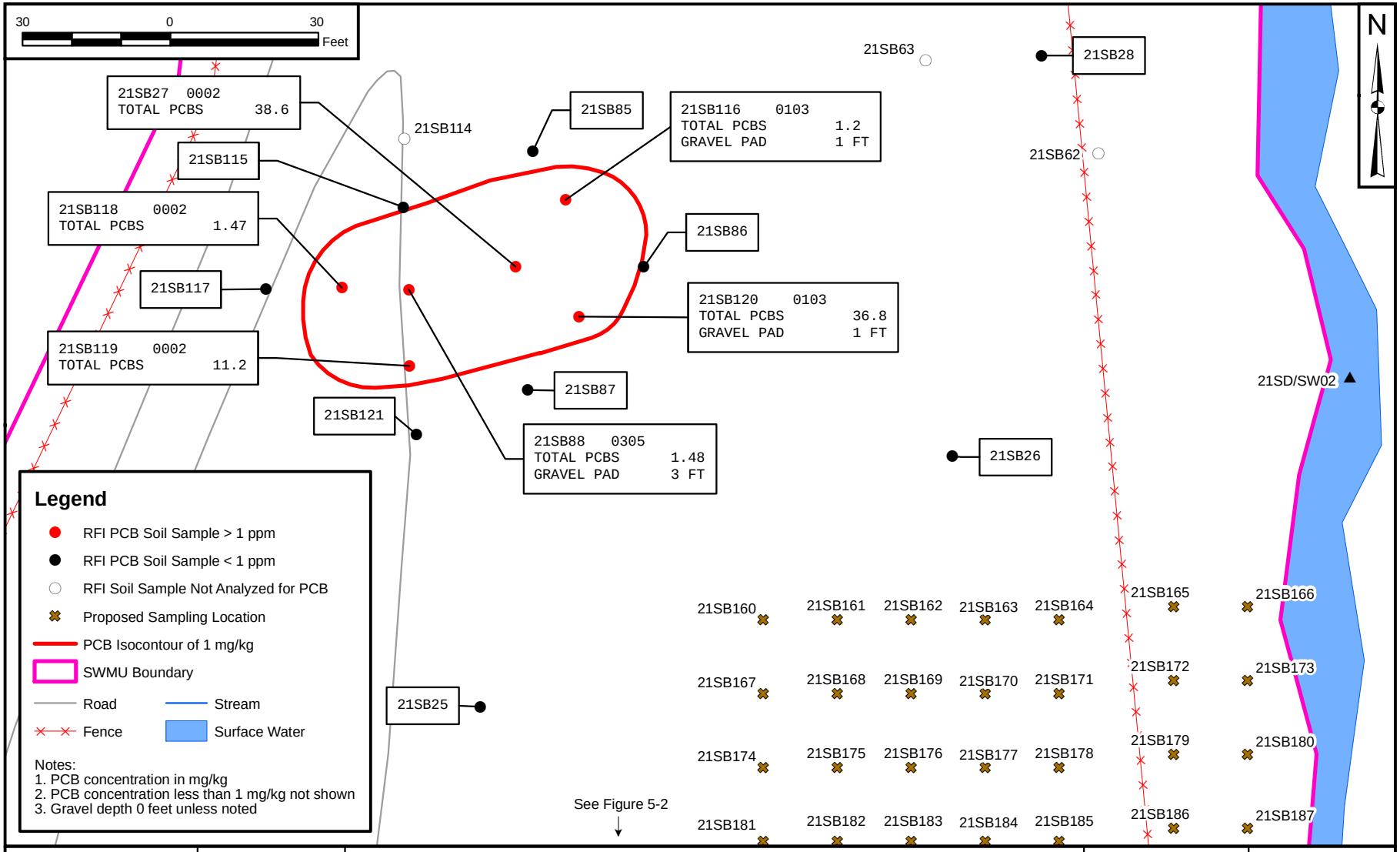

DRAWN BY / DATE	J. ENGLISH 05/08/12
CHECKED BY / DATE	G. TEN EYCK 05/14/12
REVISED BY / DATE	___ ___
SCALE	AS NOTED

NAVFAC

TOTAL PCB CONCENTRATIONS IN SURFACE SOIL
NORTHERN NORTH END
SWMU 21 - DRMO STORAGE LOT
NSA CRANE
CRANE, INDIANA

CONTRACT NUMBER 2122	CTO NUMBER F274
APPROVED BY / DATE	— —
APPROVED BY / DATE	— —
FIGURE NO. FIGURE 5 - 1	REV 0

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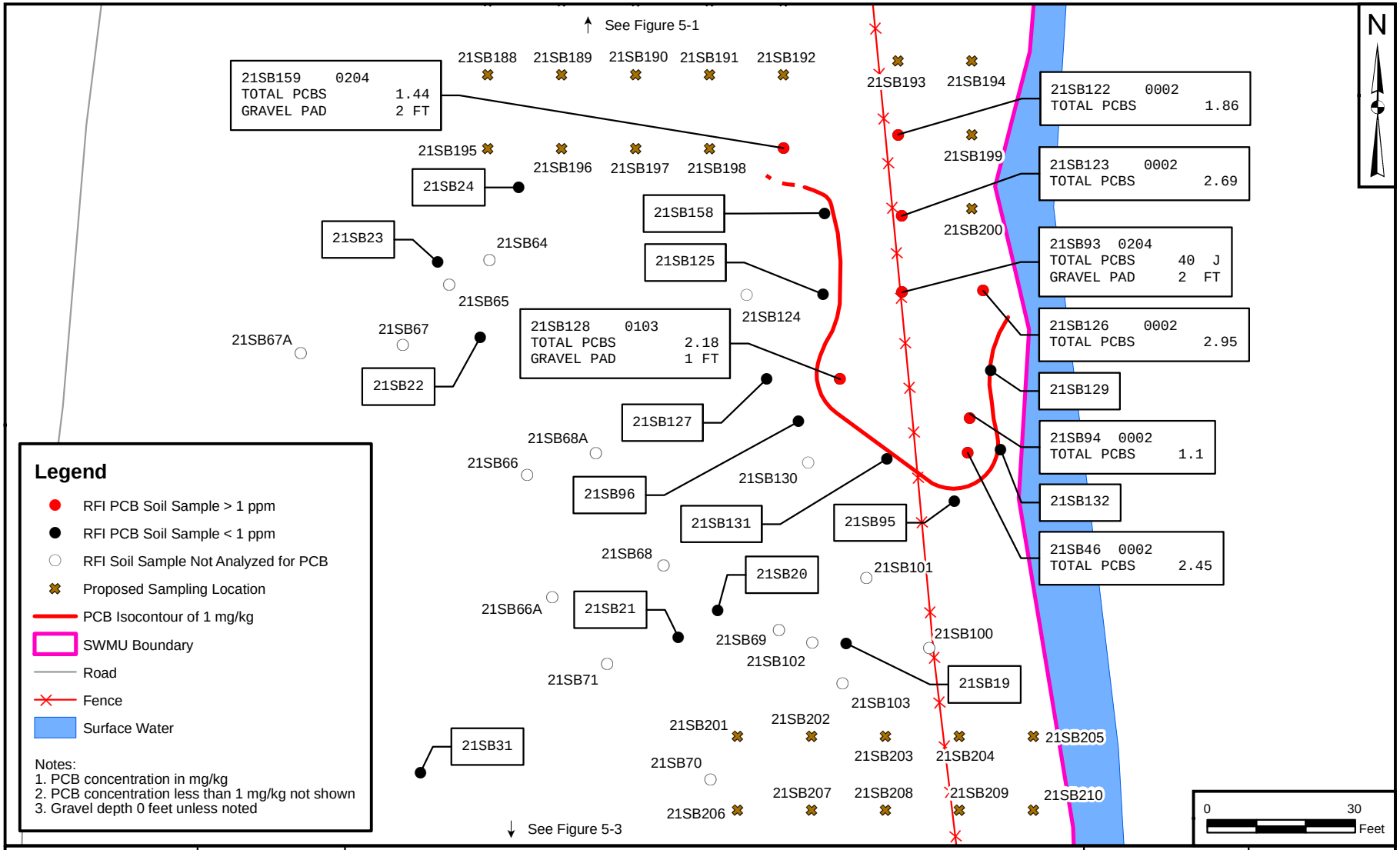

DRAWN BY	DATE
J. ENGLISH	05/03/12
CHECKED BY	DATE
G. TEN EYCK	05/14/12
REVISED BY	DATE
___	___
SCALE	
AS NOTED	

TOTAL PCB CONCENTRATIONS IN SURFACE SOIL
SOUTHERN NORTH END
SWMU 21 - DRMO STORAGE LOT
NSA CRANE
CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
2122	F274
APPROVED BY	DATE
—	—
APPROVED BY	DATE
—	—
FIGURE NO.	REV
FIGURE 5 - 2	0

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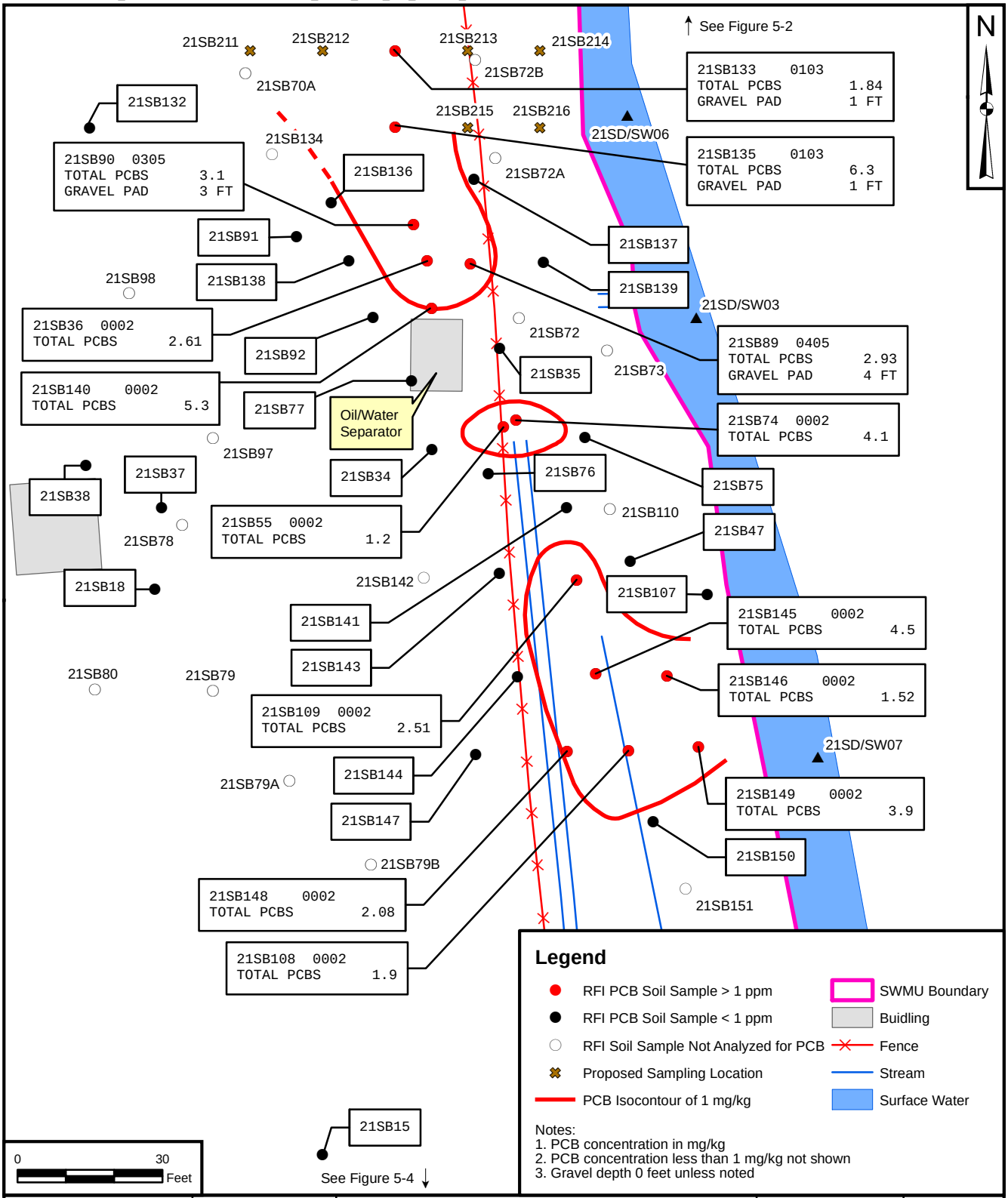

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CHECKED BY: L. FOSTER	DATE: 05/11/12		CTO NUMBER: F274
REVISED BY:	DATE:		APPROVED BY: ___ DATE: ___
SCALE: AS NOTED			APPROVED BY: ___ DATE: ___
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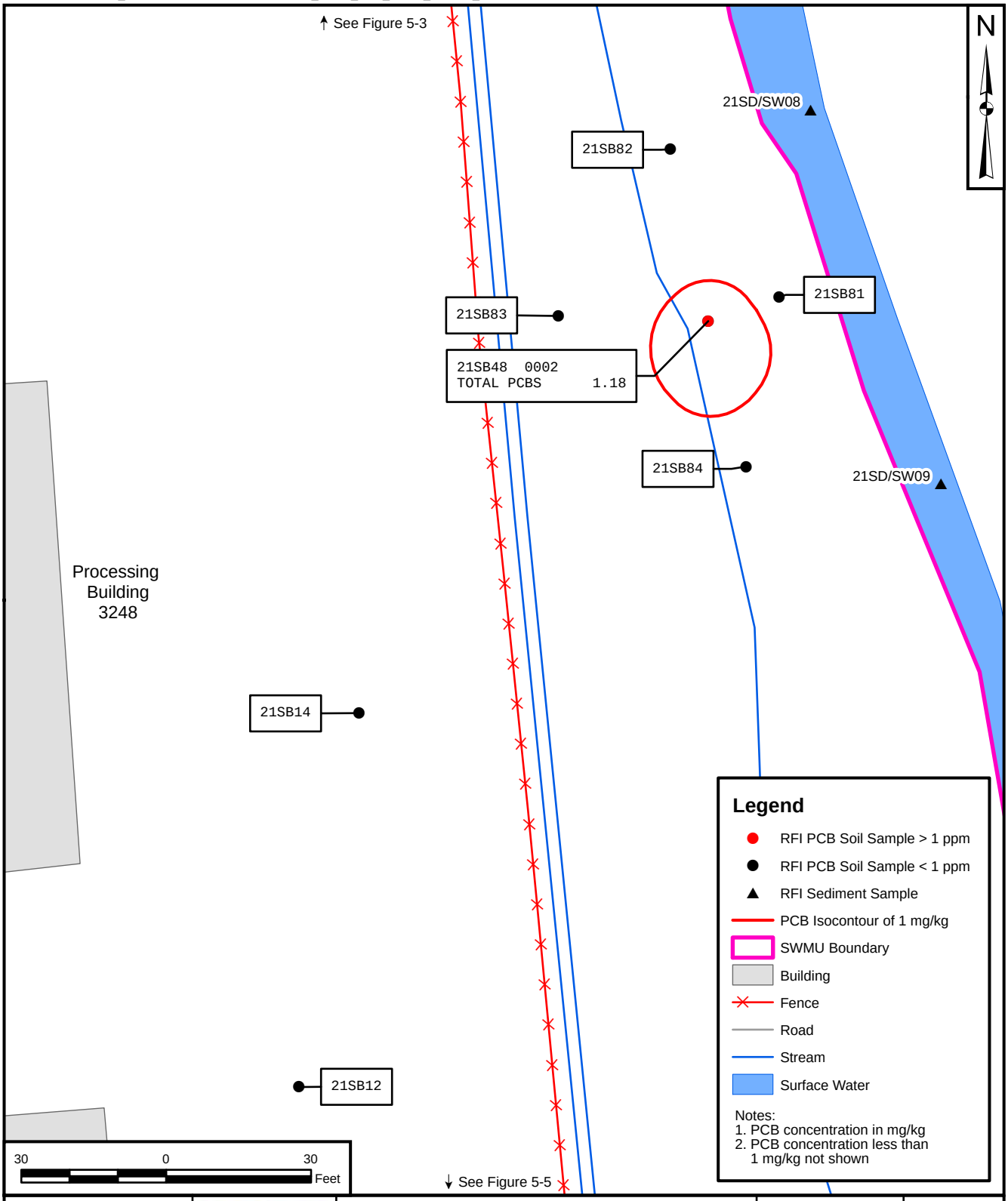

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CHECKED BY: L. FOSTER	DATE: 05/08/12		APPROVED BY: ___ / DATE: ___
REVISED BY: ___	DATE: ___		APPROVED BY: ___ / DATE: ___
SCALE: AS NOTED			FIGURE NO.: FIGURE 5 - 4 / REV: 0

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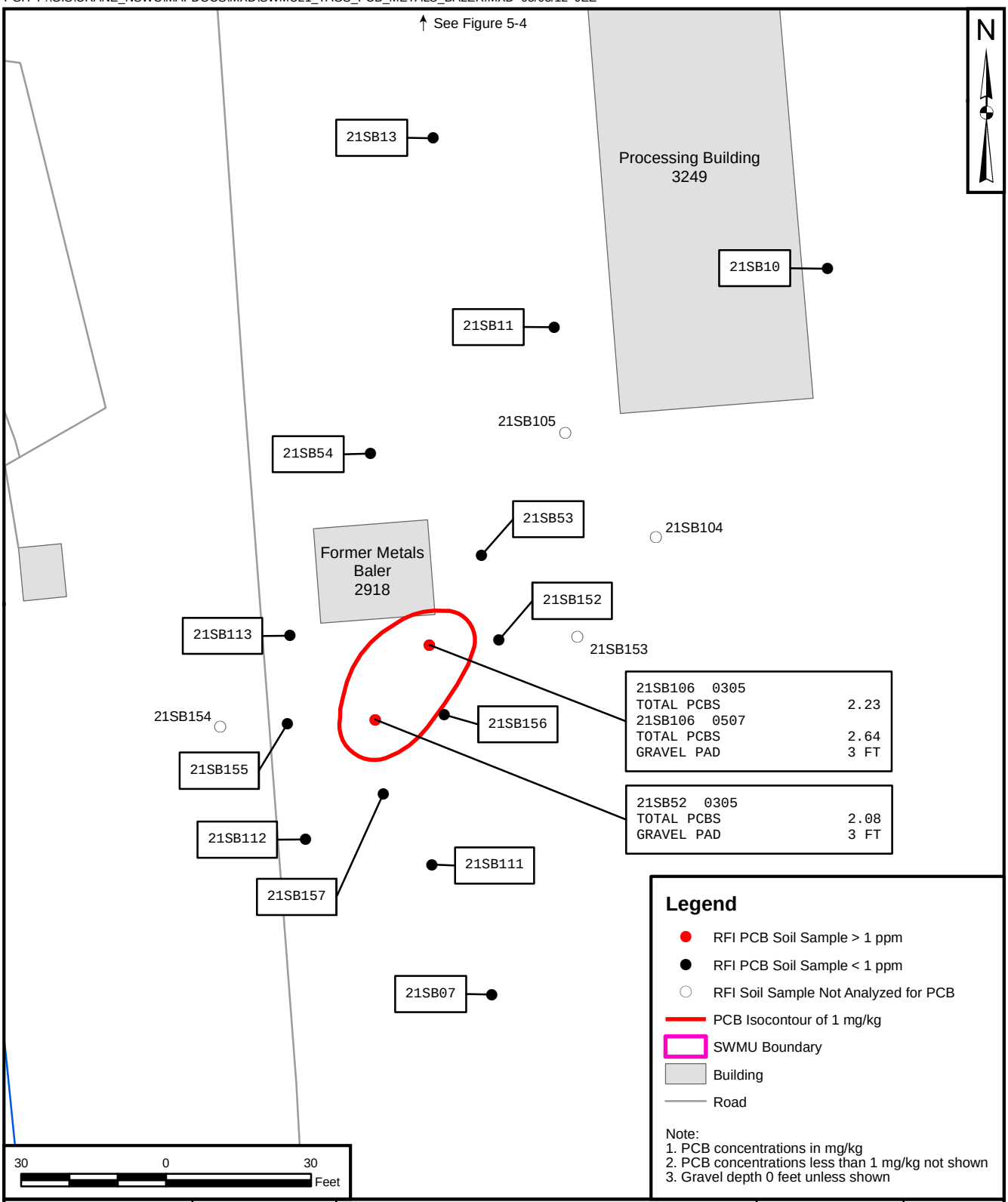

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J. ENGLISH	05/03/12
CHECKED BY	DATE
L. FOSTER	05/08/12
REVISED BY	DATE

SCALE
AS NOTED

NAVFAC

TOTAL PCB CONCENTRATIONS IN SURFACE SOIL METALS BALER AREA SWMU 21 - DRMO STORAGE LOT NSA CRANE CRANE, INDIANA

CONTRACT NUMBER	CTO NUMBER
2122	F274
APPROVED BY	DATE
___	___
APPROVED BY	DATE
___	___

FIGURE NO. FIGURE 5 - 5

REV 0

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

Sampling Location	ID Number	Matrix	Depth (feet bgs)	Analysis	Number of Samples	Sampling SOP Reference
Figure 5-1 - Northern North End – Subsurface Samples within Bounded Area						
SWMU 21 SB 27	21SB270204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB270406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 88	21SB880507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB880709	Soil	7 to 9	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 116	21SB1160305	Soil	3 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1160507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 118	21SB1180204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1180406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 119	21SB1190204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1190406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 120	21SB1200305	Soil	3 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1200507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
Figure 5-2 (Southern North End – Subsurface Samples within Unbounded Area).						
SWMU 21 SB 46	21SB460204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB460406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 93	21SB930204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB930406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 94	21SB940204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB940406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 122	21SB1220204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1220406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 123	21SB1230204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1230406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 126	21SB1260204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1260406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 128	21SB1280305 and 21SB-FDXXXXXX(1)	Soil	3 to 5	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
	21SB1280507 and 21SB-FDXXXXXX(1)	Soil	5 to 7	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
SWMU 21 SB 159	21SB1590406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1590608	Soil	6 to 8	PCBs	1	SOP -07, SOP-08, SOP-11

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

Figure 5-3 (Oil/Water Separator – Subsurface Samples within Bounded and Unbounded Areas)						
SWMU 21 SB 36	21SB360204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB360406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 55	21SB550204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB550405	Soil	4 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 74	21SB740204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB740405	Soil	4 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 89	21SB890507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB890709	Soil	7 to 9	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 90	21SB900507 and 21SB-FDXXXXXX(1)	Soil	5 to 7	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
	21SB900709 and 21SB-FDXXXXXX(1)	Soil	7 to 9	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
SWMU 21 SB 108	21SB1080204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1080406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 109	21SB1090204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1090406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 133	21SB1330305	Soil	3 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1330507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 135	21SB1350305	Soil	3 to 5	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1350507	Soil	5 to 7	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 140	21SB1400204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1400406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 145	21SB1450204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1450406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 146	21SB1460204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1460406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 148	21SB1480204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1480406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 149	21SB1490204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1490406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11
Figure 5-4 (Open Grass Area – Subsurface Samples within Bounded Area).						
SWMU 21 SB 48	21SB480204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB480406	Soil	4 to 6	PCBs	1	SOP -07, SOP-08, SOP-11

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

Figure 5-5 (Metal Baler Area – Subsurface Samples within Bounded Area).						
SWMU 21 SB 106	21SB1060709 and 21SB-FDXXXXXX[(1)]	Soil	7 to 9	PCBs	1 + 1 FD[(1)]	SOP -07, SOP-08, SOP-11
	21SB1060911 and 21SB-FDXXXXXX[(1)]	Soil	9 to 11	PCBs	1 + 1 FD[(1)]	SOP -07, SOP-08, SOP-11
Figure 5-1 (Northern North End) and Figure 5-2 (Southern North End) – Surface and Subsurface Samples within an Unbounded Area.						
SWMU 21 SB 160	21SS1600002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1600204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 161	21SS1610002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1610204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 162	21SS1620002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1620204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 163	21SS1630002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1630204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 164	21SS1640002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1640204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 165	21SS1650002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1650204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 166	21SS1660002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1660204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 167	21SS1670002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1670204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 168	21SS1680002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1680204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 169	21SS1690002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1690204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 170	21SS1700002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1700204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 171	21SS1710002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1710204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 172	21SS1720002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1720204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 173	21SS1730002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1730204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

SWMU 21	21SS1740002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 174	21SB1740204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1750002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 175	21SB1750204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1760002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 176	21SB1760204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1770002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 177	21SB1770204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1780002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 178	21SB1780204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1790002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 179	21SB1790204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1800002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 180	21SB1800204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1810002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 181	21SB1810204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1820002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 182	21SB1820204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1830002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 183	21SB1830204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1840002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 184	21SB1840204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1850002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 185	21SB1850204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1860002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 186	21SB1860204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1870002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 187	21SB1870204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1880002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 188	21SB1880204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1890002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 189	21SB1890204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21	21SS1900002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
SB 190	21SB1900204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

SWMU 21 SB 191	21SS1910002 and 21SS-FDXXXXXX(1)	Soil	0 to 2	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
	21SB1910204 and 21SB-FDXXXXXX(1)	Soil	2 to 4	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
SWMU 21 SB 192	21SS1920002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1920204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 193	21SS1930002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1930204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 194	21SS1940002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1940204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 195	21SS1950002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1950204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 196	21SS1960002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1960204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 197	21SS1970002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1970204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 198	21SS1980002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1980204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 199	21SS1990002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB1990204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 200	21SS2000002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2000204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
Figure 5-2 (Southern North End) and Figure 5-3 (Oil/Water Separator) – Surface and Subsurface Samples within an Unbounded Area.						
SWMU 21 SB 201	21SS2010002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2010204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 202	21SS2020002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2020204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 203	21SS2030002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2030204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 204	21SS2040002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2040204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 205	21SS2050002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2050204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 206	21SS2060002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2060204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 207	21SS2070002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2070204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11

TABLE 1 PROPOSED SUPPLEMENTAL SAMPLING (MAY 2012) AT SWMU 21

SWMU 21 SB 208	21SS2080002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2080204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 209	21SS2090002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2090204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 210	21SS2100002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2100204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 211	21SS2110002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2110204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 212	21SS2120002 and 21SS-FDXXXXXX(1)	Soil	0 to 2	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
	21SB2120204 and 21SB-FDXXXXXX(1)	Soil	2 to 4	PCBs	1 + 1 FD(1)	SOP -07, SOP-08, SOP-11
SWMU 21 SB 213	21SS2130002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2130204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 214	21SS2140002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2140204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 215	21SS2150002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2150204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB 216	21SS2160002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2160204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB217	21SB2170002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2170204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11
SWMU 21 SB218	21SB2180002	Soil	0 to 2	PCBs	1	SOP -07, SOP-08, SOP-11
	21SB2180204	Soil	2 to 4	PCBs	1	SOP -07, SOP-08, SOP-11

Notes:

1. Field duplicate (FD) locations may change in the field based on visual observations and field conditions. “XXXXXX” represents date collected.
2. **Shaded rows** are samples to be immediately analyzed for PCBs (Samples not shaded are to be held until further notice).